



ROY F. WESTON, INC.  
LIONVILLE ANALYTICAL LABORATORY  
ANALYTICAL CASE NARRATIVE

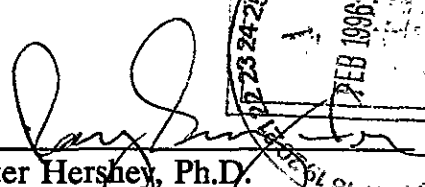
Client : WESTINGHOUSE HANFORD  
RFW# : 9212L094

W.O. #: 06168-002-001-9999-00  
Date Received: 12-18-92

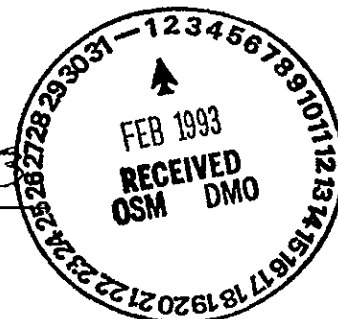
## INORGANIC

The following is a summary of the quality control results and a description of any problems encountered during the analysis of this batch of samples:

1. All sample holding times as required by 40CFR136 were met.
2. All preparation blank results were below the required detection limit.
3. All laboratory control standards (blank spikes) were within the control limits of 80-120% (70-130% for Total Organic Halides). All %RPD were within the 20% guidance limit (40% for Total Organic Halides).
4. All calibration verification checks were within the required control limits of 90-110%. Calibration verification is performed using independent standards.
5. Matrix spike recoveries are summarized on the Inorganic Accuracy Report contained within this document. All recoveries were within the 75-125% guidance limits (70-130% for Total Organic Halides). All %RPD were within the 20% guidance limit.
6. Replicate results are summarized on the Inorganic Precision Report contained within this document. All results were within the 20% RPD guidance limit.
7. The analytical methods applied by the laboratory, unless otherwise requested, for all inorganic analyses are derived from the USEPA Method for Chemical Analysis of Water and Wastes (USEPA 600/4-79-020) and Standard Methods for the Examination of Water and Wastewater 16 ed.

  
J. Peter Hershey, Ph.D.  
Laboratory Manager  
Lionville Analytical Laboratory

Date



INORGANIC DATA SUMMARY REPORT 01/15/93

CLIENT: WESTINGHOUSE HANFORD  
WORK ORDER: 06168-002-001-9999-00

WESTON BATCH #: 9212L094

SAMPLE	SITE ID	ANALYTE	RESULT	UNITS	REPORTING LIMIT
=====	=====	=====	=====	=====	=====
-001	BO7R79	Total Organic Carbon	1.3	MG/L	0.50
		Total Organic Halides	20.0	u UG/L	20.0
-002	BO7R69	Total Organic Carbon	0.71	MG/L	0.50
		Total Organic Halides	5.0	u UG/L	5.0
-003	BO7RD9	Total Organic Carbon	0.50	u MG/L	0.50
		Total Organic Halides	5.0	u UG/L	5.0
-004	BO7R74	Total Organic Carbon	1.2	MG/L	0.50
		Total Organic Halides	20.0	UG/L	5.0
-005	BO7QY7	Total Organic Carbon	0.50	u MG/L	0.50
		Total Organic Halides	5.0	u UG/L	5.0

WESTERN

[illegible][illegible]

FIELD PERSONNEL: COMPLETE ONLY SHADED AREAS				DATE/REVISIONS:				WESTON Analytics Use Only			
Special Instructions: Run P vns/msd				_____ 1 _____ _____ 2 _____ _____ 3 _____ _____ 4 _____ _____ 5 _____ _____ 6 _____				<p>Samples were: COC Tape was:</p> <p>1) Shipped <input checked="" type="checkbox"/> or Hand Delivered Package <input checked="" type="checkbox"/> or N Airbill # _____ 2) Unbroken on Outer Package <input checked="" type="checkbox"/> or N 2) Ambient or Chilled <input checked="" type="checkbox"/> 3) Present on Sample Condition <input checked="" type="checkbox"/> or N <input checked="" type="checkbox"/> 4) Labels Indicate Properly Preserved <input checked="" type="checkbox"/> or N 4) Unbroken on Sample <input checked="" type="checkbox"/> or N 5) Received Within Holding Times <input checked="" type="checkbox"/> or N</p> <p>COC Record Present Upon Sample Rec'd <input checked="" type="checkbox"/></p>			
92-378											
Relinquished by	Received by	Date	Time	Relinquished by	Received by	Date	Time	Discrepancies Between Samples Labels and COC Record? Y or N  NOTES:			
Emanif	Burns Hoff	12/18/92	16 <sup>10</sup>								
		3/2 12/21		<del>6/8 12/21/92</del>							

7212L 094

Vestinghouse  
Stanford Company

## CHAIN OF CUSTODY

Custody Form Initiator PH BUTCHER

Company Contact PH BUTCHER

Telephone (509)376-5045

Project Designation/Sampling Locations 100-FR-3

Collection Date 12/17/92

Sample Chest No. SML-249

Field Logbook No. ESCL-1054

Bill of Lading/Airbill No.

Offsite Property No. W93-0-191-22

Method of Shipment EMERY

Shipped to WESTON

Possible Sample Hazards/Remarks N/A

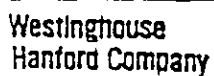
## Sample Identification

7212L

1, 125ml, aGs, WATER, TOC (H<sub>2</sub>SO<sub>4</sub>)1, 250ml, aGs, WATER, TOX (H<sub>2</sub>SO<sub>4</sub>)

Field Transfer of Custody		Chain of Possession	(Sign and Print Names)
Relinquished by: L.D. Walker <i>L.D. Walker</i>	Received by: A.J. Simpson <i>A.J. Simpson</i>	Date/Time: 12/17/92 0946	
Relinquished by: A.J. Simpson <i>A.J. Simpson</i>	Received by:	Date/Time:	
Relinquished by: Emery <i>Emery</i>	Received by: Brian E. Shaff <i>Brian E. Shaff</i>	Date/Time: 12/18/92 1610	
Relinquished by:	Received by:	Date/Time:	
Final Sample Disposition			
Disposal Method:	Disposed by:	Date/Time:	
Comments: F.R.G. H1			

02000000



# SAMPLE ANALYSIS REQUEST

## PART I: FIELD SECTION

for KD Lee LD Walker  
any Contact P.H. BUTCHER

Date Sampled 12/17/92 Time 1600 hours  
Telephone ( 509 ) 376-5045

[illegible]

Information\*\* \_\_\_\_\_

**Special Handling and/or Storage** \_\_\_\_\_

**able Sample Hazards** \_\_\_\_\_

PART II: LABORATORY SECTION

ved by \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

sis Required \_\_\_\_\_

cate whether sample is soil, sludge, water, etc.  
: back of page for additional information relative to sample location.

**A-6000-406 (05/90)**

Westinghouse  
Hanford Company

## CHAIN OF CUSTODY

Custody Form Initiator PH BUTCHER

Company Contact PH BUTCHER

Project Designation/Sampling Locations 100-FR-3

Ice Chest No. ~~SMC~~-2401

Bill of Lading/Airbill No. 252156 739 T

Method of Shipment EMERY

Shipped to WESTON

Possible Sample Hazards/Remarks N/A

Telephone (509)376-5045

Collection Date 12-16-92

Field Logbook No. EFC-1034

Offsite Property No. W93-C-0151-22

### Sample Identification

BO 7R69

1, 125ml, aGs, WATER, TOC (H2SO4)

1, 250ml, aGs, WATER, TOX (H2SO4)

### [ ] Field Transfer of Custody

### Chain of Possession

(Sign and Print Names)

Relinquished by: L. D. Walker L. D. Walker	Received by: Re. Frig. #3	Date/Time: 12-16-92 / 1410
Relinquished by: A. J. Simpson A. J. Simpson	Received by:	Date/Time:
Relinquished by: Emery	Received by: Brown E. R. R.	Date/Time: 12/18/92 1600
Relinquished by:	Received by:	Date/Time:

### Final Sample Disposition

Disposal Method:	Disposed by:	Date/Time:
Comments:		

22000000



# SAMPLE ANALYSIS REQUEST

## PART I: FIELD SECTION

Collector KD Lee LD Walker Date Sampled 12/16/92 Time 1230 hours  
Company Contact P.H. BUTCHER Telephone ( 509 ) 376-5045

[illegible]

**Field Information\*\***

Special Handling and/or Storage \_\_\_\_\_

**Possible Sample Hazards** \_\_\_\_\_

PART II: LABORATORY SECTION

Received by \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

### Analysis Required

\*Indicate whether sample is soil, sludge, water, etc.

\*\*Use back of page for additional information relative to sample location.

A-6000-406 (05/90)

Westinghouse  
Hanford Company

## CHAIN OF CUSTODY

Custody Form Initiator PH BUTCHER

Company Contact PH BUTCHER

Project Designation/Sampling Locations 100-FR-3

Ice Chest No. SWAL-244

Bill of Lading/Airbill No. ZS2156134T

Method of Shipment EMERY

Shipped to WESTON

Possible Sample Hazards/Remarks N/A

Telephone (509)376-5045

Collection Date 12/16/92

Field Logbook No. EFL-1255

Offsite Property No. W93-C-0151-22

### Sample Identification

BO 7RDY

1, 125ml, aGs, WATER, TOC (H2SO4)

1, 250ml, aGs, WATER, TOX (H2SO4)

### ☐ Field Transfer of Custody

### Chain of Possession

(Sign and Print Names)

Relinquished by: AJ SIMPSON

*AJ Simpson*

Received by: A

Date/Time:

Relinquished by:

*Emery*

Received by:

*Bruce E. HPL*

Date/Time:

*12/18/92 1600*

Relinquished by:

Received by:

Date/Time:

Relinquished by:

Received by:

Date/Time:

### Final Sample Disposition

Disposal Method:

Disposed by:

Date/Time:

Comments:

*FRIG #2*



**PART 1: FIELD SECTION**

Hector KD Lee LD Walker

Date Sampled 12/16/92 Time 1153 hours

Company Contact P.H. BUTCHER

Telephone ( 509 ) 376-5045

[illegible]

Field Information\*\* \_\_\_\_\_

Special Handling and/or Storage \_\_\_\_\_

Possible Sample Hazards \_\_\_\_\_

## PART II: LABORATORY SECTION

Received by \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

### Analysis Required

\*Indicate whether sample is soil, sludge, water, etc. U U U

••Use back of page for additional information relative to sample location.

**A-6000-406 (05/90)**

Westinghouse  
Hanford Company

## CHAIN OF CUSTODY

Custody Form Initiator PH BUTCHER

Company Contact PH BUTCHER

Project Designation/Sampling Locations 100-FR-3

Ice Chest No. SML-249

Bill of Lading/Airbill No. 252156734T

Method of Shipment EMERY

Shipped to WESTON

Possible Sample Hazards/Remarks N/A

Telephone (509)376-5045

Collection Date 12/16/92

Field Logbook No. 252156734T

Offsite Property No. W93-C-0151-22

### Sample Identification

BO 7R74

1, 125ml, aGs, WATER, TOC (H2SO4)

1, 250ml, aGs, WATER, TOX (H2SO4)

### [ ] Field Transfer of Custody

### Chain of Possession

(Sign and Print Names)

Relinquished by: J.D. Walker

Received by: AJ SIMPSON

Date/Time: 12/17/92 0951

Relinquished by: AJ SIMPSON

Received by:

Date/Time:

Relinquished by:

Received by:

Date/Time: 12/18/92 1610

Relinquished by:

Received by:

Date/Time:

### Final Sample Disposition

Disposal Method:

Disposed by:

Date/Time:

Comments:

FRIG #2



**PART 1: FIELD SECTION**

Date Sampled 12/16/97 Time 0930 hours

Telephone ( 509 ) 376-5045

OPC: # W93-0-0151-22  
COL: # 252156734T  
TASK #: 92-398

Special Handling and/or Storage

### Possible Sample Hazards

## PART II: LABORATORY SECTION

Received by _____	Title _____	Date _____
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### Analysis Required

\*Indicate whether sample is soil, sludge, water, etc. ☐ ☐ ☐ ☐

\*\*Use back of page for additional information relative to sample location.

Westinghouse  
Hanford Company

## CHAIN OF CUSTODY

Custody Form Initiator PH BUTCHER

Company Contact PH BUTCHER

Project Designation/Sampling Locations 100-KR-4

Ice Chest No. SML-244

Bill of Lading/Airbill No. 252156134T

Method of Shipment EMERY

Shipped to WESTON

Possible Sample Hazards/Remarks N/A

Telephone (509)376-5045

Collection Date 12/16/92

Field Logbook No. FIC 1055

Offsite Property No. W93-0 CISI-22

### Sample Identification

BO 76477

1, 125ml, aGs, WATER, TOC (H2SO4)

1, 250ml, aGs, WATER, TOX (H2SO4)

### [ ] Field Transfer of Custody

### Chain of Possession

(Sign and Print Names)

Relinquished by: AS SIMPSON

Received by: AS SIMPSON 12/16/92

Date/Time:

Relinquished by:

Received by:

Date/Time:

Relinquished by:

Received by:

Date/Time:

Relinquished by:

Received by:

Date/Time:

### Final Sample Disposition

Disposal Method:

Disposed by:

Date/Time:

Comments:

FIC 16 #1



## PART I: FIELD SECTION

Collector KD Lee LD Walker Date Sampled 12/17/92 Time 1000 hours  
Company Contact P.H. BUTCHER Telephone ( 509 ) 376-5045

[illegible]

Field Information\*\* \_\_\_\_\_

Special Handling and/or Storage \_\_\_\_\_

### Possible Sample Hazards

## PART II: LABORATORY SECTION

Received by \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_  
Analysis Required \_\_\_\_\_

\*Indicate whether sample is soil, sludge, water, etc. U U U

**\*\*Use back of page for additional information relative to sample location.**

By Originator	Shipping Operation - Sign all Copies and Forward to:
White, Green, Yellow, Pink - Property Management	White - Property Management
Goldenrod - Retain	Green - Property Control Custodian (Issuing Office)
	Pink - Originator

**EMERY**  
**WORLDWIDE**



**SIGNATURE AND TALLY RECORD**

60029-46 (8/89) Litho USA

DATE: 12-17-92 SHIPMENT NO.: 2521567371  
SHIPPER: WESTINGHOUSE SHIPPING DEPT (509) 376-6665  
REFERENCE NO.: W93-0151 122

**SHIPPER NAME AND ADDRESS**

WESTINGHOUSE SHIPPING DEPT (509) 376-6665  
U.S. DEPARTMENT OF ENERGY C/O  
WESTINGHOUSE HANFORD COMPANY  
2375 STEVENS DRIVE BUILDING 1153 62-05  
PO BOX 1970  
RICHLAND, WA 99352

**CONSIGNEE NAME AND ADDRESS**

JOSIE KING  
RF WESTON INC  
200 WELSH PBO. ROAD  
TOWNSVILLE PA 19341

Pieces	Weight	Description/Marks	Emery Authorization No.
1	374	polycooler 10# zebra SHU-249 WATER SAMPLES	

**EACH PERSON HANDLING OR TAKING CUSTODY OF THIS SHIPMENT MUST SIGN AND COMPLETE THE INFORMATION BELOW**

Name of Person/Company	Transship Point/Destination	Signature of Person Accepting Custody	Time/Date
1.			
2.			
3.			
4.			
5.			
6.			
7. W D SNYDER	PHL	W D Snyder	0745/18
8. Dean F. Chatter	Lionville	Dean F. Chatter	1612 1/17/2

**SPECIAL HANDLING INSTRUCTIONS**

0000031

FORM OF PAYMENT

Check ☐ CR ☐

FCCOD ☐

Bill to Shipper ☒ Bill to Consignee ☐ Third Party Billing ☐

**ENTERPRISE**  
**WORLDWIDE**



Date		Origin	Tariff Dest.	Gateway
12-17-92		PSC	252156739	T

Express <input type="checkbox"/>	Standard Plus <input type="checkbox"/>	Business Documents <input type="checkbox"/>
Same Day (Extra Charges) <input type="checkbox"/>	Preferred <input type="checkbox"/>	Customs Clearance <input type="checkbox"/>
AM <input checked="" type="checkbox"/>	PM <input type="checkbox"/>	Delivery <input type="checkbox"/>
Second Day <input type="checkbox"/>	Standard <input type="checkbox"/>	

E **AS0281585**

From:  
WESTINGHOUSE SHIPPING DEPT(509)376-6665  
U.S. DEPARTMENT OF ENERGY C70  
WESTINGHOUSE HANFORD  
BLDG 1163  
2395 STEVENS DRIVE  
RICHLAND WA

To:  
JOSIE KING  
WESTON INC  
208 WELSH POOL ROAD  
LIONVILLE PA

Customer's Reference Numbers  
W81232 PD3BA W93-0151 #22 99352

Consignee's Account Number  
E 19341

Description	Pcs	Dimensions L W H	Total Pieces	Total Weight
1 POLYCOOLER WATER SAMPLES SML-249	1	11 16 17	1	37#

FOR INFORMATION ON RATE  
CALL 1-800-411-1111  
(1-800-411-1111)

Remarks  
**OVERNIGHT DELIVERY  
SIGNATURE SECURITY SERVICE**

Zip Ship ☐  
For shipments within the  
50 United States Shipper  
has the option to check  
this box and, by checking,  
agrees that the Zip Ship  
conditions, described in  
the area to the right, apply.

Mark if Emery  
Packaging is used  
Urgent Letter ☐ 9X12 ☐  
Urgent Pack ☐ 12X15 ☐

Shipper's Signature **X**

International Shipments  
Free Domestic ☐ Third Party Account Number mandatory for Third Party Billing. **E**  
Commodity Code  
Base Charge  
International Customs Value  
International Insurance  
Total Transportation Charges  
Other Charges/Advance at Origin ☐ \$

252156739T

**3-PHL-A**

Terms and Conditions on Back

0000032

## VALIDATION SUMMARY

9212L094-WES-967

DATA QUALIFICATION SUMMARY

UNIT: 100-FR-3

DOCUMENT CONTROL NUMBER: WHC-SD-EN-TI-175

ANALYSES: Wet Chemistry

RFW NO.: 9212L094-WES-967

SDG NO.: B07R69

QUALIFICATION SUMMARY:

WET CHEMISTRY

Data from this package were not validated.

9212L 094

Vestinghouse  
Hanford Company

## CHAIN OF CUSTODY

Custody Form Initiator PH BUTCHER

Company Contact PH BUTCHER

Telephone (509)376-5045

Project Designation/Sampling Locations 100-FR-3

Collection Date 12-17-92

Chest No. SML-249

Field Logbook No. ECL-1054

Bill of Lading/Airbill No.

Offsite Property No. W93-0-0151-22

Method of Shipment EMERY

Shipped to WESTON

Possible Sample Hazards/Remarks N/A

## Sample Identification

TR79

1, 125ml, aGs, WATER, TOC (H2SO4)

1, 250ml, aGs, WATER, TOX (H2SO4)

Field Transfer of Custody		Chain of Possession	(Sign and Print Names)
Relinquished by: L.D. Walker <i>L.D. Walker</i>	Received by: A.J. SIMPSON <i>A.J. Simpson</i>	Date/Time: 12/17/92 0946	
Relinquished by: A.J. SIMPSON <i>A.J. Simpson</i>	Received by:	Date/Time:	
Relinquished by: Emery <i>Emery</i>	Received by: Brian E. Duff <i>Brian E. Duff</i>	Date/Time: 12/18/92- 1610	
Relinquished by:	Received by:	Date/Time:	
Final Sample Disposition			
Disposal Method:	Disposed by:	Date/Time:	
Comments: FR 16. ET 1			

02000000



# SAMPLE ANALYSIS REQUEST

## PART I: FIELD SECTION

for KD Lee LD Walker  
any Contact P.H. BUTCHER

Date Sampled 12/17/92 Time 1600 hours  
Telephone ( 509 ) 376-5045

[illegible]

Information\*\* \_\_\_\_\_

1 Handling and/or Storage \_\_\_\_\_

File Sample Hazards \_\_\_\_\_

## PART II: LABORATORY SECTION

red by \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

sis Required \_\_\_\_\_

cate whether sample is soil, sludge, water, etc.  
: back of page for additional information relative to sample location.

A-6000-406 (05/90)

Westinghouse  
Hanford Company

## CHAIN OF CUSTODY

Custody Form Initiator PH BUTCHER

Company Contact PH BUTCHER

Project Designation/Sampling Locations 100-FR-3

Ice Chest No. 5ML-249

Bill of Lading/Airbill No. 252156-739 T

Method of Shipment EMERY

Shipped to WESTON

Possible Sample Hazards/Remarks N/A

Telephone (509)376-5045

Collection Date 12-16-92

Field Logbook No. 231-1034

Offsite Property No. W93-C-0151-Z2

### Sample Identification

BO 7R69

1, 125ml, aGs, WATER, TOC (H2SO4)

1, 250ml, aGs, WATER, TOX (H2SO4)

[ ] Field Transfer of Custody		Chain of Possession	(Sign and Print Names)
Relinquished by: L.D. Walker L.D. Walker	Received by: Redrig. #3	Date/Time: 12-16-92 / 1410	
Relinquished by: A.J. Simpson A.J. Simpson	Received by:	Date/Time:	
Relinquished by: Emery	Received by: Brown E. [Signature]	Date/Time: 12/18/92 16 <sup>00</sup>	
Relinquished by:	Received by:	Date/Time:	
Final Sample Disposition			
Disposal Method:	Disposed by:	Date/Time:	
Comments:			



# SAMPLE ANALYSIS REQUEST

**PART I: FIELD SECTION**

Director KD Lee LD Walker

Date Sampled 12/16/42 Time 1230 hours

Company Contact P.H. BUTCHER

Telephone ( 509 ) 376-5045

[illegible]

### Field Information\*\*

Special Handling and/or Storage

### Possible Sample Hazards

## PART II: LABORATORY SECTION

received by

**Title**

**Date**

### Analysis Required

\*Indicate whether sample is soil, sludge, water, etc.

Use back of page for additional information relative to sample location.

A-6000-406 (05/90)

Westinghouse  
Hanford Company

## CHAIN OF CUSTODY

Custody Form Initiator PH BUTCHER

Company Contact PH BUTCHER

Project Designation/Sampling Locations 100-FR-3

Ice Chest No. *SML-249*

Bill of Lading/Airbill No. *25215612AT*

Method of Shipment EMERY

Shipped to WESTON

Possible Sample Hazards/Remarks N/A

Telephone (509)376-5045

Collection Date *12/18/92*

Field Logbook No. *EFL-1055*

Offsite Property No. *W93-C-0151-22*

### Sample Identification

*BO 7R.D9*

1, 125ml, aGs, WATER, TOC (H2SO4)

1, 250ml, aGs, WATER, TOX (H2SO4)

### ☐ Field Transfer of Custody

### Chain of Possession

(Sign and Print Names)

Relinquished by: *AT SIMPSON*

Received by: *A*

Date/Time:

Relinquished by: *Emery*

Received by: *Brian E. Smith*

Date/Time:

*12/18/92 1600*

Relinquished by:

Received by:

Date/Time:

Relinquished by:

Received by:

Date/Time:

### Final Sample Disposition

Disposal Method:

Disposed by:

Date/Time:

Comments:

*FRIG #2*



## PART I: FIELD SECTION

Telephone ( 509 ) 376-5045

[illegible]

Field Information \*\*

Special Handling and/or Storage \_\_\_\_\_

### Possible Sample Hazards

## PART II: LABORATORY SECTION

Received by \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

### Analysis Required

\*Indicate whether sample is soil, sludge, water, etc. U U U

••Use back of page for additional information relative to sample location.

Westinghouse  
Hanford Company

## CHAIN OF CUSTODY

Custody Form Initiator PH BUTCHER

Company Contact PH BUTCHER

Project Designation/Sampling Locations 100-FR-3

Ice Chest No. SWL-249

Bill of Lading/Airbill No. 252156 734T

Method of Shipment EMERY

Shipped to WESTON

Possible Sample Hazards/Remarks N/A

Telephone (509)376-5045

Collection Date 12-16-92

Field Logbook No. 532-1094

Offsite Property No. W93-00151-22

### Sample Identification

BO 7P74

1, 125ml, aGs, WATER, TOC (H2SO4)

1, 250ml, aGs, WATER, TOX (H2SO4)

### [ ] Field Transfer of Custody

### Chain of Possession

(Sign and Print Names)

Relinquished by: L.D. Walker

Received by: AJ SIMPSON

Date/Time: 12/17/92 0951

Relinquished by: AJ SIMPSON

Received by:

Date/Time:

Relinquished by:

Received by:

Date/Time: 12/18/92 1610

Relinquished by:

Received by:

Date/Time:

### Final Sample Disposition

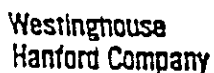
Disposal Method:

Disposed by:

Date/Time:

Comments:

FRIG. #2



# SAMPLE ANALYSIS REQUEST

## PART I: FIELD SECTION

Collector KD Lee LD Walker Date Sampled 12/16/92 Time 0930 hours  
Company Contact P.H. BUTCHER Telephone ( 509 ) 376-5045

[illegible]

Field Information\*\* \_\_\_\_\_

Special Handling and/or Storage \_\_\_\_\_

Possible Sample Hazards \_\_\_\_\_

PART II: LABORATORY SECTION

Received by \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

**Analysis Required**

\*Indicate whether sample is soil, sludge, water, etc. U U U

••Use back of page for additional information relative to sample location.

A-6000-406 (Q5/90)

Westinghouse  
Hanford Company

## CHAIN OF CUSTODY

Custody Form Initiator PH BUTCHER

Company Contact PH BUTCHER

Project Designation/Sampling Locations 100-KR-4

Ice Chest No. SML-244

Bill of Lading/Airbill No. 252156 134T

Method of Shipment EMERY

Shipped to WESTON

Possible Sample Hazards/Remarks N/A

Telephone (509)376-5045

Collection Date 12/16/92

Field Logbook No. EFL 1055

Offsite Property No. W93-000151-22

### Sample Identification

BO7647

1, 125ml, aGs, WATER, TOC (H2SO4)

1, 250ml, aGs, WATER, TOX (H2SO4)

### [ ] Field Transfer of Custody

### Chain of Possession

(Sign and Print Names)

Relinquished by: AS SIMPSON

Received by: AS SIMPSON + TS 12/16/92 Date/Time:

Relinquished by:

Received by:

Date/Time:

Relinquished by:

Received by:

Date/Time:

Relinquished by:

Received by:

Date/Time:

### Final Sample Disposition

Disposal Method:

Disposed by:

Date/Time:

Comments:

FL 16 #1



## SAMPLE ANALYSIS REQUEST

## PART I: FIELD SECTION

Collector KD Lee LD Walker Date Sampled 12/17/92 Time 1000 hours  
Company Contact P.H. BUTCHER Telephone ( 509 ) 376-5045

[illegible]

Field Information\*\*

Special Handling and/or Storage \_\_\_\_\_

Possible Sample Hazards \_\_\_\_\_

## PART II: LABORATORY SECTION

Received by \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

**Analysis Required**

\*Indicate whether sample is soil, sludge, water, etc. U U U

Use back of page for additional information relative to sample location

## INORGANIC DATA SUMMARY REPORT 01/15/93

CLIENT: WESTINGHOUSE HANFORD  
WORK ORDER: 06168-002-001-9999-00

WESTON BATCH #: 9212L094

SAMPLE	SITE ID	ANALYTE	RESULT	UNITS	REPORTING LIMIT
-001	BO7R79	Total Organic Carbon	1.3	MG/L	0.50
		Total Organic Halides	20.0	u UG/L	20.0
-002	BO7R69	Total Organic Carbon	0.71	MG/L	0.50
		Total Organic Halides	5.0	u UG/L	5.0
-003	BO7RD9	Total Organic Carbon	0.50	u MG/L	0.50
		Total Organic Halides	5.0	u UG/L	5.0
-004	BO7R74	Total Organic Carbon	1.2	MG/L	0.50
		Total Organic Halides	20.0	UG/L	5.0
-005	BO7QX7	Total Organic Carbon	0.50	u MG/L	0.50
		Total Organic Halides	5.0	u UG/L	5.0

100-KR-4 ↑

702025

6/26/93-NV

(fn)

INORGANIC DATA SUMMARY REPORT 01/15/93

CLIENT: WESTINGHOUSE HANFORD  
WORK ORDER: 06168-002-001-9999-00

WESTON BATCH #: 9212L094

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		Total Organic Halides	5.0	u UG/L	5.0
-004	BO7R74	Total Organic Carbon	1.2	MG/L	0.50
		Total Organic Halides	20.0	UG/L	5.0
<del>-005</del>	<del>BO7QY7</del>	<del>Total Organic Carbon</del>	<del>0.50</del>	<del>u MG/L</del>	<del>0.50</del>
		<del>Total Organic Halides</del>	<del>5.0</del>	<del>u UG/L</del>	<del>5.0</del>

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INORGANIC DATA SUMMARY REPORT 01/15/93

CLIENT: WESTINGHOUSE HANFORD  
WORK ORDER: 06168-002-001-9999-00

WESTON BATCH #: 9212L094

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		Total Organic Halides	5.0 u	UG/L	5.0
-003	BO7RD9	Total Organic Carbon	0.50	u MG/L	0.50
		Total Organic Halides	5.0 u	UG/L	5.0
-004	BO7R74	Total Organic Carbon	1.2	MG/L	0.50
		Total Organic Halides	20.0	UG/L	5.0
<del>-005</del>	<del>BO7R17</del>	<del>Total Organic Carbon</del>	<del>0.50</del>	<del>MG/L</del>	<del>0.50</del>
		<del>Total Organic Halides</del>	<del>5.0</del>	<del>u UG/L</del>	<del>5.0</del>

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X02025  
NV - *[Signature]*